SENSAPHONE®
REMOTE MONITORING SOLUTIONS

FOR IMMEDIATE RELEASE

New Sensaphone Sensors Help Ensure Water Quality

ASTON, Pa., June 1, 2016 – Sensaphone® introduces three new sensors that monitor water quality at treatment and wastewater facilities. These sensors measure oxidation-reduction potential (ORP), pH and toroidal conductivity, so that facility operators can be alerted when conditions fall outside the desired range.

The sensors are compatible with most Sensaphone remote monitoring systems, which provide the necessary alerting and data logging functionality. Instant notification ensures prompt corrective action to keep water safe and equipment working properly. They are ideal for applications ranging from pure water in cooling systems to harsh chemical environments like wastewater treatment plants.

"Maintaining water quality is a scientific balancing act. Our water sensors provide reliable measurements and continue to operate in conditions that often cause conventional probes to fail," said Rob Fusco, technical support and service manager at Sensaphone.

ORP Sensor
ORP (Oxidation-Reduction Potential) sensors measure water cleanliness by detecting contaminants. At a higher ORP level, water can more easily destroy foreign contaminants such as microbes and carbon-based contaminants. A lower ORP level means there is a greater level of water contaminants, which are consuming the oxygen. The Sensaphone ORP sensor is an integral two-wire 4-20 mA ORP transmitter that feeds data directly to a Sensaphone device. The sensor includes a measuring range of 0 to 1000 mV or -500 to 500 mV, replaceable salt bridge for extended service life, flow-thru, hot-tap or submersible mounting, and automatic temperature compensation.

pH Sensor
Changes in pH can reduce water quality and damage equipment. The Sensaphone pH sensor is an integral two-wire 4-20 mA pH transmitter that feeds data directly to a Sensaphone device. The sensor includes a measuring range of 0 to 14 pH, replaceable salt bridge for extended service life, flow-thru, hot-tap or submersible mounting, and automatic temperature compensation.

Toroidal Conductivity Sensor
The Sensaphone Toroidal Conductivity Sensor measures water purity based on ion counts. It monitors chemically aggressive process solutions in applications where conventional contacting sensors may become fouled or corroded. It is loop-powered and provides direct 4-20 mA output. Each sensor comes standard with a Pt100 RTD temperature device, which provides automatic temperature compensation to 25 °C (77 °F).

In addition to water treatment and wastewater applications, these sensors are used in environments where ensuring water quality is critical, such as laboratories, healthcare facilities, food and beverage production, aquaculture farms and HVAC systems. Click here to download a brochure for more information about Sensaphone's sensors to monitor water quality.

Image: Sensaphone Toroidal Conductivity Sensor

About Sensaphone
Sensaphone® offers a comprehensive line of remote monitoring products that safeguard valuable assets by tracking critical environmental data such as temperature, humidity and power failures. Sensaphone products provide alerts and proactive monitoring data to homeowners and facility managers in many areas including telecommunications, oil and gas, water and wastewater, HVACR, agriculture, healthcare, data centers and greenhouses. More than 400,000 Sensaphone systems are in use today around the world, and they continue to be manufactured in the USA. For more information, call 877-373-2700, email sales@sensaphone.com or visit www.sensaphone.com.

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